REMARKS

Attached is a marked-up version of the changes being made by the current amendment.

Applicant asks that new claim 32 be examined.

Respectfully submitted,

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Version with markings to show changes made

In the specification:

Beginning at page 1, line 3, insert the following paragraph:

This application is a continuation and claims the benefit of priority under 35 USC 120 of U.S. application serial no. 09/292,895, filed April 16, 1999, which is a continuation of U.S. application serial no. 08/819,120, filed March 17, 1997, which issued as U.S. Patent 5,949,473 on September 7, 1999, which is a continuation of U.S. application serial no. 08/431,270, filed April 28, 1995, which is a continuation of U.S. application serial No. 08/181,562, filed on January 13, 1994, which is a continuation of U.S. application serial No. 08/062,148 filed on May 14, 1993, which is a continuation of U.S. application serial No. 07/688,864, filed April 19, 1991, now abandoned, which is a continuation of U.S. application serial no. 07/379,751, filed July 14, 1989, now U.S. Patent 5,010,399. The disclosure of the prior application is considered part of (and is incorporated by reference in) the disclosure of this application.

In the claims:

Claims 1-31 have been cancelled.

Claim 32 has been added as follows:

-- 32. In a telephone system in which a two-wire telephone network carries telephone voice signals in a telephone voice band between a first telephone equipment and a second telephone equipment coupled to the telephone network, a method for bi-directional communication in a high frequency band of frequencies above the telephone voice band of information between a first transceiver and a second transceiver coupled to the two-wire telephone network comprising:

accepting a first signal at the first transceiver;

transmitting a first transmitted signal that encodes control information in the first signal from the first transceiver to the second transceiver over the two-wire telephone network in a first range of frequencies in the high frequency band;

receiving the first transmitted signal at the second transceiver;

providing the control information to a source of information;

accepting at the second transceiver a second signal from the source of information;

transmitting a second transmitted signal that encodes information in the second signal from the second transceiver to the first transceiver over the two-wire telephone network in a second range of frequencies in the high frequency band;

preventing transmission of signals in the high frequency band from the two-wire telephone network to telephone equipment coupled to the two-wire telephone network, including preventing transmission of the second transmitted signal to the second telephone equipment;

receiving the second transmitted signal at the first transceiver; and

providing information in the second signal from the first transceiver to a destination of information. --